

| L Number | Hits | Search Text  | DB  | Time stamp       |
|----------|------|--|---|------------------|
| 1        | 1    | JP358031669a   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/13 12:12 |
| 2        | 36   | (yasuo with koshizuka).in.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/13 12:14 |
| 3        | 1123 | (makoto with sasaki).in.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/13 12:14 |
| 4        | 65   | (makoto with sasaki).in. and casio.as.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/13 12:17 |
| 5        | 449  | (yoshiaki with nakamura).in.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/13 12:17 |
| 6        | 6    | (yoshiaki with nakamura).in. and casio.as.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/13 12:17 |
| -        | 2    | ((("4603355") or ("5461419")).PN.  | USPAT   | 2004/04/12 17:23 |
| -        | 5172 | effect\$5 with voltage with adjust\$3  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/12 13:53 |
| -        | 559  | (effect\$5 with voltage with adjust\$3) and<br>((upper with gate) or (lower with gate) or<br>(double with gate))                   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/12 13:54 |
| -        | 368  | (effect\$5 with voltage with adjust\$3) and<br>((upper with gate) or (lower with gate) or<br>(double with gate)) and @ad<=19991231 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/12 13:56 |
| -        | 40   | (effect\$5 with voltage with adjust\$3) and<br>((double with gate)) and @ad<=19991231  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/12 14:01 |
| -        | 243  | (correct\$3 with voltage\$1) and ((double<br>with gate)) and @ad<=19991231   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/12 14:22 |
| -        | 2691 | double adj gate  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/12 14:24 |
| -        | 2    | (double adj gate) and (correct\$3 adj<br>voltage) and @ad<=19991231  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/12 14:42 |
| -        | 9560 | (var\$3 or chang\$3) with (reset\$4 or<br>read\$2out) with (pulse\$1 or voltage\$1)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/12 14:43 |

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| - | 558      | (var\$3 or chang\$3) with (reset\$4 or read\$2out) with (pulse\$1 or voltage\$1) and 348/\$.ccls.                   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/12 14:44 |
| - | 476      | (var\$3 or chang\$3) with (reset\$4 or read\$2out) with (pulse\$1 or voltage\$1) and 348/\$.ccls. and @ad<=19991231 | USPÄT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/12 14:47 |
| - | 158      | (correct\$3) with (reset\$4 or read\$2out) with (pulse\$1 or voltage\$1) and 348/\$.ccls. and @ad<=19991231         | USPÄT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/12 15:19 |
| - | 8        | (correct\$3) with (reset\$4 and read\$2out) with (pulse\$1 or voltage\$1) and 348/\$.ccls. and @ad<=19991231        | USPÄT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/12 15:24 |
| - | 4681     | effect\$3 with voltage with adjust\$3   | USPÄT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/12 15:25 |
| - | 5200     | effect\$7 with voltage with adjust\$3   | USPÄT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/12 15:25 |
| - | 10       | effect\$7 adj voltage adj adjust\$3   | USPÄT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/12 15:27 |
| - | 54       | (correct\$3 with opposite with polar\$4) and 348/\$.ccls.   | USPÄT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/12 15:29 |
| - | 51       | (correct\$3 with opposite with polar\$4) and 348/\$.ccls. and @ad<=19991231   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/12 15:31 |
| - | 0        | (correct\$3 with opposite with polar\$4) with (read or read\$2out) with reset\$4 and 348/\$.ccls. and @ad<=19991231 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/12 15:32 |
| - | 0        | (correct\$3 with opposite with polar\$4) with (read or read\$2out) with reset\$4 and @ad<=19991231                  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/12 15:32 |
| - | 6        | (correct\$3 with opposite with polar\$4) with reset\$4 and @ad<=19991231  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/12 15:34 |
| - | 6        | (correct\$3 with opposite with polar\$4) with read\$2out\$4 and @ad<=19991231                                       | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/12 15:35 |
| - | 18643520 | (correct\$3 with opposite with polar\$4) and 348/\$.ccls. @ad<=19991231   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/12 15:36 |

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| - | 51    | (correct\$3 with opposite with polar\$4) and 348/\$.ccls. and @ad<=19991231   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/12 15:57 |
| - | 927   | 348/294,311,312,313.ccls.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/12 15:58 |
| - | 730   | 348/294,311,312,313.ccls. and @ad<=19991231   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/12 15:58 |
| - | 38    | 348/313.ccls. and @ad<=19991231   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/12 16:06 |
| - | 88287 | opposite with polar\$5  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/12 16:06 |
| - | 11    | (opposite or revers\$2) with polar\$5 with (voltage\$1 or pulse\$1) with (read or read\$2out) with reset\$4 and @ad<=19991231 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/12 16:19 |
| - | 6     | correct\$3 with (opposite or revers\$2) with polar\$5 with (voltage\$1 or pulse\$1) with reset\$4 and @ad<=19991231           | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/12 16:21 |
| - | 485   | correct\$3 with (opposite or revers\$2) with polar\$5 with (voltage\$1 or pulse\$1) and @ad<=19991231                         | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/12 16:30 |
| - | 418   | correct\$3 with voltage\$1 with (high and low) with level   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/12 16:31 |
| - | 324   | correct\$3 with voltage\$1 with (high and low) with level and @ad<=19991231   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/12 16:31 |
| - | 40    | correct\$3 with voltage\$1 with (high and low) with level and 348/\$.ccls. and @ad<=19991231                                  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/12 16:31 |
| - | 26    | correct\$3 with voltage\$1 with (read or read\$2out) with reset\$4 and @ad<=19991231  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/12 17:11 |
| - | 0     | correct\$3 adj (read or read\$2out) adj reset\$4 and @ad<=19991231  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/12 17:12 |
| - | 453   | correct\$3 with (read or read\$2out) with reset\$4 and @ad<=19991231  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/12 17:12 |

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| - | 6     | (reset adj correct\$3) and ((read or read\$2out) adj correct\$3)       | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/12 17:25 |
| - | 627   | (correct\$3 or adjust\$3) with (binary) with voltage and @ad<=19991231 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/12 17:29 |
| - | 28    | (adjust\$3) adj voltage\$1 with (binary) and @ad<=19991231             | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/12 17:31 |
| - | 3     | (adjust\$3) adj voltage\$1 with (low\$2level) and @ad<=19991231        | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/12 17:33 |
| - | 1     | (adjust\$3) adj voltage\$1 with (high\$2level) and @ad<=19991231       | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/12 17:33 |
| - | 0     | (adjust\$3) adj pulse\$1 with (high\$2level) and @ad<=19991231         | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/12 17:34 |
| - | 1     | (adjust\$3) adj pulse\$1 with (low\$2level) and @ad<=19991231          | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/12 17:58 |
| - | 17381 | (effect\$3 with voltage\$1) same ('0' or zero)                         | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/12 17:59 |
| - | 7729  | (effect\$3 with voltage\$1) with ('0' or zero)                         | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/12 17:59 |
| - | 413   | (effect\$3 adj voltage\$1) with ('0' or zero)                          | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/12 18:00 |
| - | 319   | (effect\$3 adj voltage\$1) with ('0' or zero) and @ad<=19991231        | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/12 18:12 |
| - | 14    | v\$1sub\$1te with zero   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/12 18:21 |
| - | 143   | effect\$3 with voltage\$1 with (high\$2level or low\$2level)           | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/12 18:22 |
| - | 27    | effect\$3 with voltage\$1 with (high\$2level and low\$2level)          | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM TDB | 2004/04/12 18:23 |

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| - | 16  | effect\$3 with voltage\$1 with (high\$2level<br>and low\$2level) and @ad<=19991231 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/12 19:04 |
| - | 272 | 348/302.ccls.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/12 19:04 |
| - | 199 | 348/302.ccls. and @ad<=19991231  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/04/13 11:50 |